1 Identification

· Product identifier
  · Trade name: Custom Standard
  · Part number: CUS-8005
  · Application of the substance / the mixture Laboratory chemicals

· Details of the supplier of the safety data sheet
  · Manufacturer/Supplier:
    ULTRA Scientific, Inc.
    250 Smith Street
    North Kingstown, RI  02852
    USA

· Information department:
  Telephone: (401) 294-9400
  Fax: (401) 295-2300
  E-mail: regulatory@ultrasci.com
  · Emergency telephone number:
    US: +1-800-424-9300
    Outside US: +1-703-527-3887

2 Hazard(s) identification

· Classification of the substance or mixture
  GHS02 Flame
  Flam. Liq. 2 H225 Highly flammable liquid and vapor.

  GHS08 Health hazard
  Carc. 1B H350 May cause cancer.
  Rep. 2 H361 Suspected of damaging fertility or the unborn child.
  STOT RE 1 H372 Causes damage to organs through prolonged or repeated exposure.

  GHS07
  Acute Tox. 4 H302 Harmful if swallowed.
  Acute Tox. 4 H332 Harmful if inhaled.
  Skin Irrit. 2 H315 Causes skin irritation.
  Eye Irrit. 2A H319 Causes serious eye irritation.

· Label elements
  · GHS label elements The product is classified and labeled according to the Globally Harmonized System (GHS).
  · Hazard pictograms
    GHS02  GHS07  GHS08

(Contd. on page 2)
Trade name: Custom Standard

· Signal word Danger

· Hazard-determining components of labeling:
  dichloromethane
  carbon disulphide
  dodecane

· Hazard statements
  Highly flammable liquid and vapor.
  Harmful if swallowed or if inhaled.
  Causes skin irritation.
  Causes serious eye irritation.
  May cause cancer.
  Suspected of damaging fertility or the unborn child.
  Causes damage to organs through prolonged or repeated exposure.

· Precautionary statements
  Obtain special instructions before use.
  Do not handle until all safety precautions have been read and understood.
  Keep away from heat/sparks/open flames/hot surfaces. - No smoking.
  Keep container tightly closed.
  Ground/bond container and receiving equipment.
  Use explosion-proof electrical/ventilating/lighting/equipment.
  Use only non-sparking tools.
  Take precautionary measures against static discharge.
  Do not breathe dust/fume/gas/mist/vapors/spray.
  Wash thoroughly after handling.
  Do not eat, drink or smoke when using this product.
  Use only outdoors or in a well-ventilated area.
  Wear protective gloves/protective clothing/eye protection/face protection.
  If swallowed: Call a poison center/doctor if you feel unwell.
  If on skin (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower.
  IF INHALED: Remove person to fresh air and keep comfortable for breathing.
  If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do.
  Continue rinsing.
  IF exposed or concerned: Get medical advice/attention.
  Specific treatment (see on this label).
  Rinse mouth.
  If skin irritation occurs: Get medical advice/attention.
  If eye irritation persists: Get medical advice/attention.
  Take off contaminated clothing and wash it before reuse.
  In case of fire: Use for extinction: CO₂, powder or water spray.
  Store in a well-ventilated place. Keep cool.
  Store locked up.
  Dispose of contents/container in accordance with local/regional/national/international regulations.

· Classification system:
  · NFPA ratings (scale 0 - 4)
    Health = 2
    Fire = 3
    Reactivity = 0
Trade name: Custom Standard

· HMIS-ratings (scale 0 - 4)
  - HEALTH: 2, Health = 2
  - FIRE: 3, Fire = 3
  - REACTIVITY: 0, Reactivity = 0

· Other hazards
· Results of PBT and vPvB assessment
  - PBT: Not applicable.
  - vPvB: Not applicable.

3 Composition/information on ingredients

· Chemical characterization: Mixtures
· Description: Mixture of the substances listed below with nonhazardous additions.

· Dangerous components:
  - 75-09-2 dichloromethane 49.872%
  - 75-15-0 carbon disulphide 47.502%

4 First-aid measures

· Description of first aid measures
· General information:
  Symptoms of poisoning may even occur after several hours; therefore medical observation for at least 48 hours after the accident.
· After inhalation:
  Supply fresh air. If required, provide artificial respiration. Keep patient warm. Consult doctor if symptoms persist. In case of unconsciousness place patient stably in side position for transportation.
· After skin contact:
  Immediately wash with water and soap and rinse thoroughly.
· After eye contact:
  Rinse opened eye for several minutes under running water. If symptoms persist, consult a doctor.
· After swallowing:
  Immediately call a doctor.
· Information for doctor:
  · Most important symptoms and effects, both acute and delayed No further relevant information available.
  · Indication of any immediate medical attention and special treatment needed
  No further relevant information available.

5 Fire-fighting measures

· Extinguishing media
· Suitable extinguishing agents:
  CO2, extinguishing powder or water spray. Fight larger fires with water spray or alcohol resistant foam.
· For safety reasons unsuitable extinguishing agents: Water with full jet
· Special hazards arising from the substance or mixture No further relevant information available.
· Advice for firefighters
· Protective equipment: Mouth respiratory protective device.
### 6 Accidental release measures

- **Personal precautions, protective equipment and emergency procedures**
  Wear protective equipment. Keep unprotected persons away.

- **Environmental precautions**: Prevent seepage into sewage system, workpits and cellars.

- **Methods and material for containment and cleaning up**:
  Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust).
  Dispose contaminated material as waste according to item 13.
  Ensure adequate ventilation.

- **Reference to other sections**
  See Section 7 for information on safe handling.
  See Section 8 for information on personal protection equipment.
  See Section 13 for disposal information.

- **Protective Action Criteria for Chemicals**

<table>
<thead>
<tr>
<th>PAC-1</th>
<th>75-09-2 dichloromethane</th>
<th>200 ppm</th>
</tr>
</thead>
<tbody>
<tr>
<td>75-15-0 carbon disulphide</td>
<td>13 ppm</td>
<td></td>
</tr>
<tr>
<td>111-65-9 octane</td>
<td>230 ppm</td>
<td></td>
</tr>
<tr>
<td>124-18-5 decane</td>
<td>6.6 ppm</td>
<td></td>
</tr>
<tr>
<td>112-40-3 dodecane</td>
<td>1.7 ppm</td>
<td></td>
</tr>
<tr>
<td>629-59-4 tetradecane</td>
<td>3.1 ppm</td>
<td></td>
</tr>
<tr>
<td>544-76-3 Cetane</td>
<td>35 mg/m³</td>
<td></td>
</tr>
<tr>
<td>593-45-3 octadecane</td>
<td>230 ppm</td>
<td></td>
</tr>
<tr>
<td>630-02-4 octacosane</td>
<td>230 ppm</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>PAC-2</th>
<th>75-09-2 dichloromethane</th>
<th>560 ppm</th>
</tr>
</thead>
<tbody>
<tr>
<td>75-15-0 carbon disulphide</td>
<td>160 ppm</td>
<td></td>
</tr>
<tr>
<td>111-65-9 octane</td>
<td>385 ppm</td>
<td></td>
</tr>
<tr>
<td>124-18-5 decane</td>
<td>73 ppm</td>
<td></td>
</tr>
<tr>
<td>112-40-3 dodecane</td>
<td>18 ppm</td>
<td></td>
</tr>
<tr>
<td>629-59-4 tetradecane</td>
<td>34 ppm</td>
<td></td>
</tr>
<tr>
<td>544-76-3 Cetane</td>
<td>380 mg/m³</td>
<td></td>
</tr>
<tr>
<td>593-45-3 octadecane</td>
<td>385 ppm</td>
<td></td>
</tr>
<tr>
<td>630-02-4 octacosane</td>
<td>385 ppm</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>PAC-3</th>
<th>75-09-2 dichloromethane</th>
<th>6,900 ppm</th>
</tr>
</thead>
<tbody>
<tr>
<td>75-15-0 carbon disulphide</td>
<td>480 ppm</td>
<td></td>
</tr>
<tr>
<td>111-65-9 octane</td>
<td>5000** ppm</td>
<td></td>
</tr>
<tr>
<td>124-18-5 decane</td>
<td>440 ppm</td>
<td></td>
</tr>
<tr>
<td>112-40-3 dodecane</td>
<td>110 ppm</td>
<td></td>
</tr>
<tr>
<td>629-59-4 tetradecane</td>
<td>200 ppm</td>
<td></td>
</tr>
<tr>
<td>544-76-3 Cetane</td>
<td>2,800 mg/m³</td>
<td></td>
</tr>
<tr>
<td>593-45-3 octadecane</td>
<td>5,000 ppm</td>
<td></td>
</tr>
</tbody>
</table>

(Contd. on page 5)
Trade name: Custom Standard

630-02-4 octacosane 5,000 ppm

7 Handling and storage

· Handling:
· Precautions for safe handling: Ensure good ventilation/exhaustion at the workplace.
· Information about protection against explosions and fires:
  Keep ignition sources away - Do not smoke.
  Protect against electrostatic charges.
· Conditions for safe storage, including any incompatibilities
· Storage:
  · Requirements to be met by storerooms and receptacles: Store in a cool location.
  · Information about storage in one common storage facility: Not required.
  · Further information about storage conditions:
    Keep receptacle tightly sealed.
    Store in cool, dry conditions in well sealed receptacles.
· Specific end use(s): No further relevant information available.

8 Exposure controls/personal protection

· Additional information about design of technical systems: No further data; see item 7.
· Control parameters
  · Components with limit values that require monitoring at the workplace:
    75-09-2 dichloromethane
      PEL Short-term value: 125 ppm
      Long-term value: 25 ppm
      See 29 CFR 1910.1052
      REL See Pocket Guide App. A
      TLV Long-term value: 174 mg/m³, 50 ppm
      BEI
    75-15-0 carbon disulphide
      PEL Long-term value: 20 ppm
      Ceiling limit value: 30; 100* ppm
      *30-min peak per 8-hr shift
      REL Short-term value: 30 mg/m³, 10 ppm
      Long-term value: 3 mg/m³, 1 ppm
      Skin
      TLV Long-term value: 3.13 mg/m³, 1 ppm
      Skin, BEI
  · Ingredients with biological limit values:
    75-09-2 dichloromethane
      BEI 0.3 mg/L
      Medium: urine
      Time: end of shift
      Parameter: Dichloromethane (semi-quantitative)
**Trade name: Custom Standard**

<table>
<thead>
<tr>
<th><strong>75-15-0 carbon disulphide</strong></th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>BEI</strong> 0.5 mg/g creatinine</td>
</tr>
<tr>
<td><strong>Medium:</strong> urine</td>
</tr>
<tr>
<td><strong>Time:</strong> end of shift</td>
</tr>
<tr>
<td><strong>Parameter:</strong> 2-Thioxothiazolidine-4-carboxylic acid (background, nonspecific)</td>
</tr>
</tbody>
</table>

**Additional information:** The lists that were valid during the creation were used as basis.

- **Exposure controls**
- **Personal protective equipment:**
  - **General protective and hygienic measures:**
    - Keep away from foodstuffs, beverages and feed.
    - Immediately remove all soiled and contaminated clothing.
    - Wash hands before breaks and at the end of work.
    - Store protective clothing separately.
    - Avoid contact with the eyes and skin.
  - **Breathing equipment:**
    - In case of brief exposure or low pollution use respiratory filter device. In case of intensive or longer exposure use respiratory protective device that is independent of circulating air.
  - **Protection of hands:**
    - **Material of gloves**
      - The selection of the suitable gloves does not only depend on the material, but also on further marks of quality and varies from manufacturer to manufacturer. As the product is a preparation of several substances, the resistance of the glove material can not be calculated in advance and has therefore to be checked prior to the application.
      - **Penetration time of glove material**
        - The exact break through time has to be found out by the manufacturer of the protective gloves and has to be observed.
  - **Eye protection:**
    - Tightly sealed goggles

---

**9 Physical and chemical properties**

- **Information on basic physical and chemical properties**
  - **General Information**
    - **Appearance:**
      - **Form:** Fluid
      - **Color:** According to product specification
    - **Odor:** Characteristic
    - **Odor threshold:** Not determined.
  - **pH-value:** Not determined.
  - **Change in condition**
    - **Melting point/Melting range:** Undetermined.
    - **Boiling point/Boiling range:** 40 °C (104 °F)
Trade name: Custom Standard

<table>
<thead>
<tr>
<th>Property</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>· Flash point</td>
<td>-30 °C (-22 °F)</td>
</tr>
<tr>
<td>· Flammability (solid, gaseous)</td>
<td>Not applicable</td>
</tr>
<tr>
<td>· Ignition temperature</td>
<td>95 °C (203 °F)</td>
</tr>
<tr>
<td>· Decomposition temperature</td>
<td>Not determined</td>
</tr>
<tr>
<td>· Auto igniting</td>
<td>Product is not selfigniting</td>
</tr>
<tr>
<td>· Danger of explosion</td>
<td>Product is not explosive. However, formation of explosive air/vapor mixtures are possible.</td>
</tr>
<tr>
<td>· Explosion limits</td>
<td></td>
</tr>
<tr>
<td>Lower</td>
<td>1 Vol %</td>
</tr>
<tr>
<td>Upper</td>
<td>60 Vol %</td>
</tr>
<tr>
<td>· Vapor pressure at 20 °C (68 °F)</td>
<td>360 hPa (270 mm Hg)</td>
</tr>
<tr>
<td>· Density</td>
<td>Not determined</td>
</tr>
<tr>
<td>Relative density</td>
<td>Not determined</td>
</tr>
<tr>
<td>Vapor density</td>
<td>Not determined</td>
</tr>
<tr>
<td>· Evaporation rate</td>
<td>Not determined</td>
</tr>
<tr>
<td>· Solubility in / Miscibility with Water</td>
<td>Not miscible or difficult to mix.</td>
</tr>
<tr>
<td>· Partition coefficient (n-octanol/water)</td>
<td>Not determined</td>
</tr>
<tr>
<td>· Viscosity</td>
<td></td>
</tr>
<tr>
<td>Dynamic</td>
<td>Not determined</td>
</tr>
<tr>
<td>Kinematic</td>
<td>Not determined</td>
</tr>
<tr>
<td>· Solvent content</td>
<td></td>
</tr>
<tr>
<td>Organic solvents</td>
<td>50.2 %</td>
</tr>
<tr>
<td>VOC content</td>
<td>0.31 %</td>
</tr>
<tr>
<td></td>
<td>3.1 g/l / 0.03 lb/gl</td>
</tr>
<tr>
<td>· Solids content</td>
<td>1.5 %</td>
</tr>
<tr>
<td>· Other information</td>
<td>No further relevant information available.</td>
</tr>
</tbody>
</table>

10 Stability and reactivity

- **Reactivity**: No further relevant information available.
- **Chemical stability**
- **Thermal decomposition / conditions to be avoided**: No decomposition if used according to specifications.
- **Possibility of hazardous reactions**: No dangerous reactions known.
- **Conditions to avoid**: No further relevant information available.
- **Incompatible materials**: No further relevant information available.
- **Hazardous decomposition products**: No dangerous decomposition products known.
11 Toxicological information

- Information on toxicological effects
  - Acute toxicity:
    - LD/LC50 values that are relevant for classification:
      - ATE (Acute Toxicity Estimate)
        - Oral LD50 1,413 mg/kg (rat)
        - Dermal LD50 >4,010 mg/kg (rat)
        - Inhalative LC50/4 h >19.3 mg/L (rat)

- 75-09-2 dichloromethane
  - Oral LD50 1,600 mg/kg (rat)
  - Dermal LD50 >2,000 mg/kg (rat)
  - Inhalative LC50/4 h 88 mg/L (rat)

- 75-15-0 carbon disulphide
  - Oral LD50 1,200 mg/kg (rat)
  - Inhalative LC50/4 h 10.35 mg/L (rat)

- Primary irritant effect:
  - on the skin: Irritant to skin and mucous membranes.
  - on the eye: Irritating effect.
  - Sensitization: No sensitizing effects known.

- Additional toxicological information:
  - The product shows the following dangers according to internally approved calculation methods for preparations:
    Harmful
    Irritant
  - Carcinogenic categories
    - IARC (International Agency for Research on Cancer)
      - 75-09-2 dichloromethane 2A
    - NTP (National Toxicology Program)
      - 75-09-2 dichloromethane R
    - OSHA-Ca (Occupational Safety & Health Administration)
      - 75-09-2 dichloromethane

12 Ecological information

- Toxicity
  - Aquatic toxicity: No further relevant information available.
  - Persistence and degradability: No further relevant information available.
  - Behavior in environmental systems:
  - Bioaccumulative potential: No further relevant information available.
  - Mobility in soil: No further relevant information available.
  - Additional ecological information:
    - General notes: Not known to be hazardous to water.
    - Results of PBT and vPvB assessment
      - PBT: Not applicable.
      - vPvB: Not applicable.
46.0.5 Other adverse effects

No further relevant information available.

13 Disposal considerations

Waste treatment methods

Recommendation:
Must not be disposed of together with household garbage. Do not allow product to reach sewage system.

Uncleaned packagings:

Recommendation:
Disposal must be made according to official regulations.

14 Transport information

UN-Number

UN1992

UN proper shipping name

DOT, IMDG, IATA

Flammable liquids, toxic, n.o.s. (Carbon disulfide)

DOT

IMDG, IATA

FLAMMABLE LIQUID, TOXIC, N.O.S. (CARBON DISULPHIDE)

Transport hazard class(es)

DOT

Class 3 Flammable liquids

Label 3, 6.1

IMDG

Class 3 Flammable liquids

Label 3/6.1

IATA

Class 3 Flammable liquids

Label 3 (6.1)

Packing group

DOT, IMDG, IATA

II

Environmental hazards:

Not applicable.

Special precautions for user

Warning: Flammable liquids

Danger code (Kemler):

336
**Trade name: Custom Standard**

- **EMS Number:** F-E,S-D
- **Stowage Category:** B
- **Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code:** Not applicable.
- **Transport/Additional information:**
  - **DOT**
    - **Quantity limitations** On passenger aircraft/rail: 1 L
      On cargo aircraft only: 60 L
  - **IMDG**
    - **Limited quantities (LQ)** 1L
    - **Excepted quantities (EQ)**
      - Code: E2
      - Maximum net quantity per inner packaging: 30 ml
      - Maximum net quantity per outer packaging: 500 ml
  - **UN "Model Regulation":** UN 1992 FLAMMABLE LIQUIDS, TOXIC, N.O.S. (CARBON DISULFIDE), 3 (6.1), II

---

**15 Regulatory information**

- **Safety, health and environmental regulations/legislation specific for the substance or mixture**
  - **Sara**
    - **Section 355 (extremely hazardous substances):**
      - 75-15-0 carbon disulphide
  - **Section 313 (Specific toxic chemical listings):**
    - 75-09-2 dichloromethane
    - 75-15-0 carbon disulphide
  - **TSCA (Toxic Substances Control Act):**
    - 75-09-2 dichloromethane
    - 75-15-0 carbon disulphide
    - 111-65-9 octane
    - 124-18-5 decane
    - 112-40-3 dodecane
    - 629-59-4 tetradecane
    - 544-76-3 Cetane
    - 593-45-3 octadecane
    - 112-95-8 icosane
    - 629-97-0 docosane
    - 646-31-1 tetracontane
    - 630-01-3 hexacosane
    - 630-02-4 octacosane
    - 638-68-6 triacontane
    - 544-85-4 dotriacontane
    - 630-06-8 hexatriacontane
    - 7194-85-6 octatriacontane
Trade name: Custom Standard

- 4181-95-7 tetracontane

  - TSCA new (21st Century Act) (Substances not listed)
  - Proposition 65

  - Chemicals known to cause cancer:
    - 75-09-2 dichloromethane

  - Chemicals known to cause reproductive toxicity for females:
    - 75-15-0 carbon disulphide

  - Chemicals known to cause reproductive toxicity for males:
    - 75-15-0 carbon disulphide

  - Chemicals known to cause developmental toxicity:
    - 75-15-0 carbon disulphide

  - Carcinogenic categories

    - EPA (Environmental Protection Agency)
      - 75-09-2 dichloromethane L

    - TLV (Threshold Limit Value established by ACGIH)
      - 75-09-2 dichloromethane A3
      - 75-15-0 carbon disulphide A4

    - NIOSH-Ca (National Institute for Occupational Safety and Health)
      - 75-09-2 dichloromethane

  - GHS label elements The product is classified and labeled according to the Globally Harmonized System (GHS).
  - Hazard pictograms

  | GHS02 | GHS07 | GHS08 |

  - Signal word Danger

  - Hazard-determining components of labeling:
    - dichloromethane
    - carbon disulphide
    - dodecane

  - Hazard statements
    - Highly flammable liquid and vapor.
    - Harmful if swallowed or if inhaled.
    - Causes skin irritation.
    - Causes serious eye irritation.
    - May cause cancer.
    - Suspected of damaging fertility or the unborn child.
    - Causes damage to organs through prolonged or repeated exposure.

  - Precautionary statements
    - Obtain special instructions before use.
    - Do not handle until all safety precautions have been read and understood.
    - Keep away from heat/sparks/open flames/hot surfaces. - No smoking.
    - Keep container tightly closed.
    - Ground/bond container and receiving equipment.
    - Use explosion-proof electrical/ventilating/lighting/equipment.
    - Use only non-sparking tools.
Trade name: Custom Standard

Take precautionary measures against static discharge.
Do not breathe dust/fume/gas/mist/vapors/spray.
Wash thoroughly after handling.
Do not eat, drink or smoke when using this product.
Use only outdoors or in a well-ventilated area.
Wear protective gloves/protective clothing/eye protection/face protection.
If swallowed: Call a poison center/doctor if you feel unwell.
If on skin (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower.
If INHALED: Remove person to fresh air and keep comfortable for breathing.
If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do.
Continue rinsing.
If exposed or concerned: Get medical advice/attention.
Get medical advice/attention if you feel unwell.
Specific treatment (see on this label).
Rinse mouth.
If skin irritation occurs: Get medical advice/attention.
If eye irritation persists: Get medical advice/attention.
Take off contaminated clothing and wash it before reuse.
In case of fire: Use for extinction: CO2, powder or water spray.
Store in a well-ventilated place. Keep cool.
Store locked up.
Dispose of contents/container in accordance with local/regional/national/international regulations.

- National regulations:
- Additional classification according to Decree on Hazardous Materials:
  Carcinogenic hazardous material group III (dangerous).
- Information about limitation of use:
  Workers are not allowed to be exposed to the hazardous carcinogenic materials contained in this preparation.
  Exceptions can be made by the authorities in certain cases.
- Chemical safety assessment: A Chemical Safety Assessment has not been carried out.

16 Other information

This information is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

- Date of preparation / last revision 03/28/2018 / 1
- Abbreviations and acronyms:
  ADR: Accord européen sur le transport des marchandises dangereuses par Route (European Agreement concerning the International Carriage of Dangerous Goods by Road)
  IMDG: International Maritime Code for Dangerous Goods
  DOT: US Department of Transportation
  IATA: International Air Transport Association
  ACGIH: American Conference of Governmental Industrial Hygienists
  EINECS: European Inventory of Existing Commercial Chemical Substances
  ELINCS: European List of Notified Chemical Substances
  CAS: Chemical Abstracts Service (division of the American Chemical Society)
  NFPA: National Fire Protection Association (USA)
  HMIS: Hazardous Materials Identification System (USA)
  VOC: Volatile Organic Compounds (USA, EU)
  LC50: Lethal concentration, 50 percent
  LD50: Lethal dose, 50 percent
  PBT: Persistent, Bioaccumulative and Toxic
  vPvB: very Persistent and very Bioaccumulative
  NIOSH: National Institute for Occupational Safety
  OSHA: Occupational Safety & Health
  TLV: Threshold Limit Value
  PEL: Permissible Exposure Limit

(Contd. on page 13)
Trade name: Custom Standard

- REL: Recommended Exposure Limit
- BEI: Biological Exposure Limit
- Flam. Liq. 2: Flammable liquids – Category 2
- Acute Tox. 4: Acute toxicity – Category 4
- Skin Irrit. 2: Skin corrosion/irritation – Category 2
- Eye Irrit. 2A: Serious eye damage/eye irritation – Category 2A
- Carc. 1B: Carcinogenicity – Category 1B
- Repr. 2: Reproductive toxicity – Category 2
- STOT RE 1: Specific target organ toxicity (repeated exposure) – Category 1

* Data compared to the previous version altered.